## ATTORNEY'S DKT No APPLICATION NO. ORMATION D. CLOSURE 028723-016 08/487,974 CITATION **APPLICANT** Joe W. GRAY et al PTO-1449 **GROUP** FILING DATE 1807 6/7/95 U.S. PATENT DOCUMENTS **FILING FXAMINER'S** DATE CLASS **SUBCLASS** DATE NAME INITIALS PATENT NO. FOREIGN PATENT DOCUMENTS **EXAMINER'S** COUNTRY **CLASS SUBCLASS** PATENT NO. DATE INITIALS OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Angerer et al, "In Situ Hybridization to Cellular RNAs," Genetic Engineering: Principles and Methods, Setlow and Hollaender, Eds., Vol. 7, pp. 43-65, Plenum Press, New York (1985) Bayer et al. "The Use of the Avidin-Biotin Complex as a Tool in Molecular Biology," Methods of Biochemical Analysis, Vol. 26, pp. 1-45 (1980) Brigati et al. "Detection of Viral Genomes in Cultured Cells and Paraffin-Embedded Tissue Sections Using Biotin-Labeled Hybridization Probes," Virology, Vol. 126, pp. 32-50 (1983) Broker et al, "Electron Microscopic Visualization of tRNA Genes with Ferritin-Avidin: Biotin Labels," Nucleic Acids Research, Vol. 5, No. 2, pp. 363-384 (1978) Connolly et al, "Chemical Synthesis of Oligonucleotides Containing A Free Sulphydryl Group and Subsequent Attachment of Thiol Specific Probes," Nucleic Acids Research, Vol. 13, No. 12, pp. 4485-4502 (1985) Fuscoe et al. "Construction of Fifteen Human Chromosome-Specific DNA Libraries from Flow-Purified Chromosomes," Cytogenetic Cell Genetics, Vol. 43, pp. 79-86 (1986) Gall et al, "Nucleic Acid Hybridization in Biological Preparations," Methods in Enzymology, Vol. 21, pp. 470-480 (1981) Henderson, "Cytological Hybridization to Mammalian Chromosomes," International Review of Cytology, Vol. 76, pp. 1-46 (1982) Kuhlmann, Immuno Enzyme Techniques in Cytochemistry, Verlag Chemie, Weinheim, Basel (1984) (table of contents only) Lawn et al. "The Isolation and Characterization of Linked $\delta$ - and $\beta$ -Globin Genes from a Cloned Library of Human DNA," Cell, Vol. 15, pp. 1157-1174 (1978) Maniatis et al, "In Vitro Packaging of Bacteriophage & DNA," Molecular Cloning: A Laboratory Manual, Cold Spring Harbor Laboratory, pp. 256-307 (1982) Marmur, "A Procedure for the Isolation of Deoxyribonucleic Acid from Micro-organisms," J. Mol. Biol., Vol. 3, pp. 208-218 (1961) Richardson et al, "Biotin and Fluorescent Labeling of RNA Using T4 RNA Ligase," Nucleic Acids Research, Vol. 11, No. 18, pp. 6167-6184 (1983) Smith et al, "The Synthesis of Oligonucleotides Containing an Aliphatic Amino Group at the 5' Terminus: Synthesis of Fluorescent DNA Primers For Use In DNA Sequence Analysis," Nucleic Acids Research, Vol. 13, No. 7, pp. 2399-2412 (1985) Tchen et al, "Chemically Modified Nucleic Acids as Immunodetectable Probes in Hybridization Experiments," PNAS, Vol. 81, pp. 3466-3470 (1984) DATE CONSIDERED **EXAMINER** 11 bush

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INITIALS	PATENT NO. 4,358,535	DATE 11/82		AME	CLASS	SUBCLASS	FILING DATE
<b>—</b>			Falkow et al.		1435	5	
DM	4,647,529	3/87	Rodland et al.		435	6	
AM	4,681,840	7/87	Stephenson et	al.	435	6	<del> </del>
Or	4,683,195	7/87	Mullis et al.		435	6	
DM	4,707,440	11/87	Stavrianopoulo	os	<del> </del>		
AM	4,711,955	12/87	Ward et al.		435	6	
DM	4,721,669	1/88	Barton		536	<del>-                                    </del>	
DM	4,725,536	2/89	Fritsch et al.		435	6	<del></del>
dn	4,770,992	9/88	Van den Engh	et al	435	6	
DM	4,772,691	9/88	Herman		435	6	
DM	4,888,278	12/89	Singer et al.		536	27	
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INITIALS	PATENT NO.	DATE	COUN		CLASS	SUBCLASS	Translation
MN	2019408	10/79	United Kingdom		-		Yes No
AM	2215724	9/89	United Kingdom				
M	8705027	8/87	Europe				
M	9005789	5/90	Europe				
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